

KODAK X-O-MAT M43, M43A, and Clinic 1 Processors



HEALTH SCIENCES

PLEASE NOTE

The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

No patent license is granted by this information.

Eastman Kodak Company reserves the right to change this information without notice, and makes no warranty, express or implied, with respect to this information. Kodak shall not be liable for any loss or damage, including consequential or special damages, resulting from the use of this information, even if loss or damage is caused by Kodak's negligence or other fault.

CAUTION

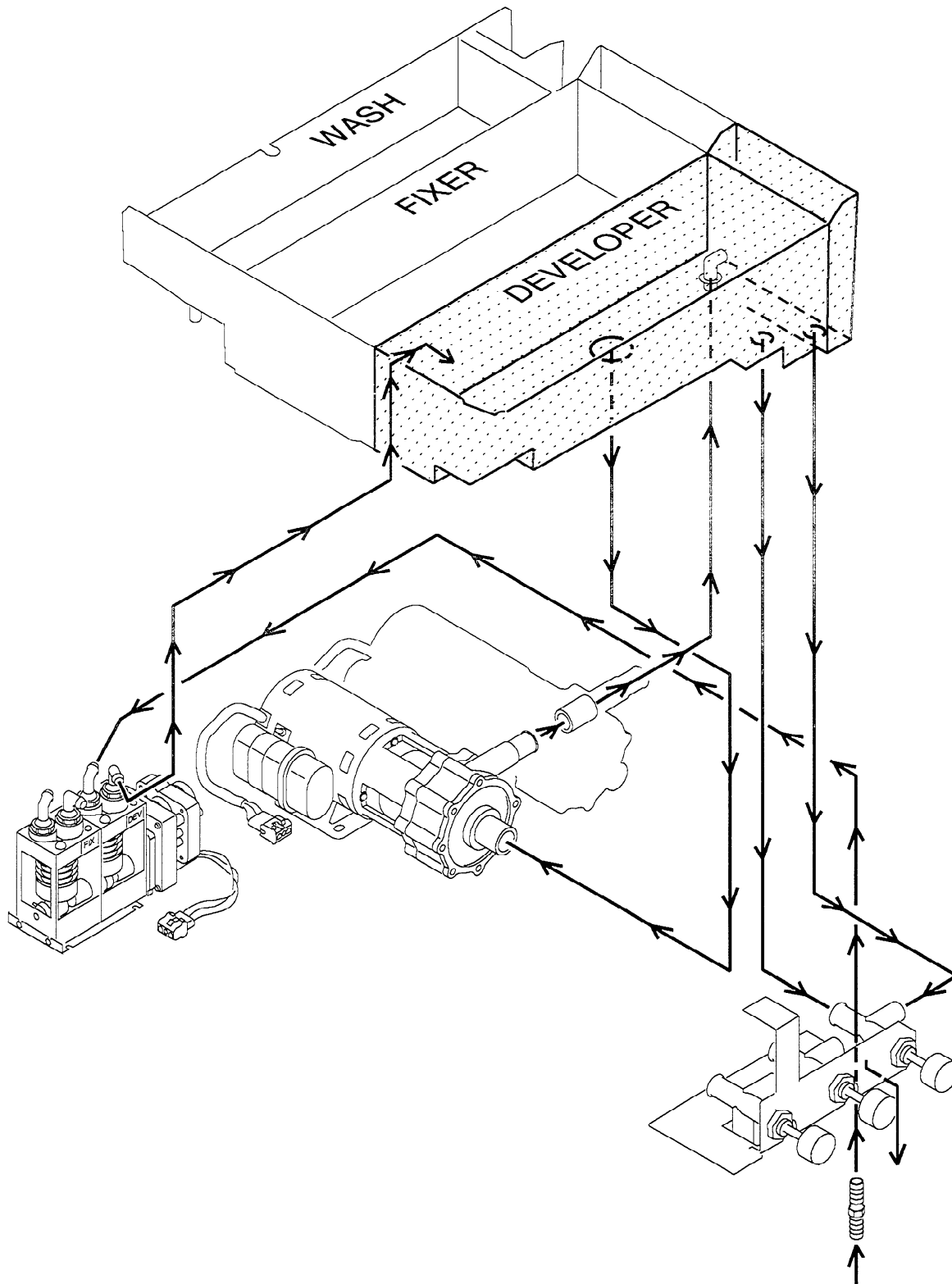


This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

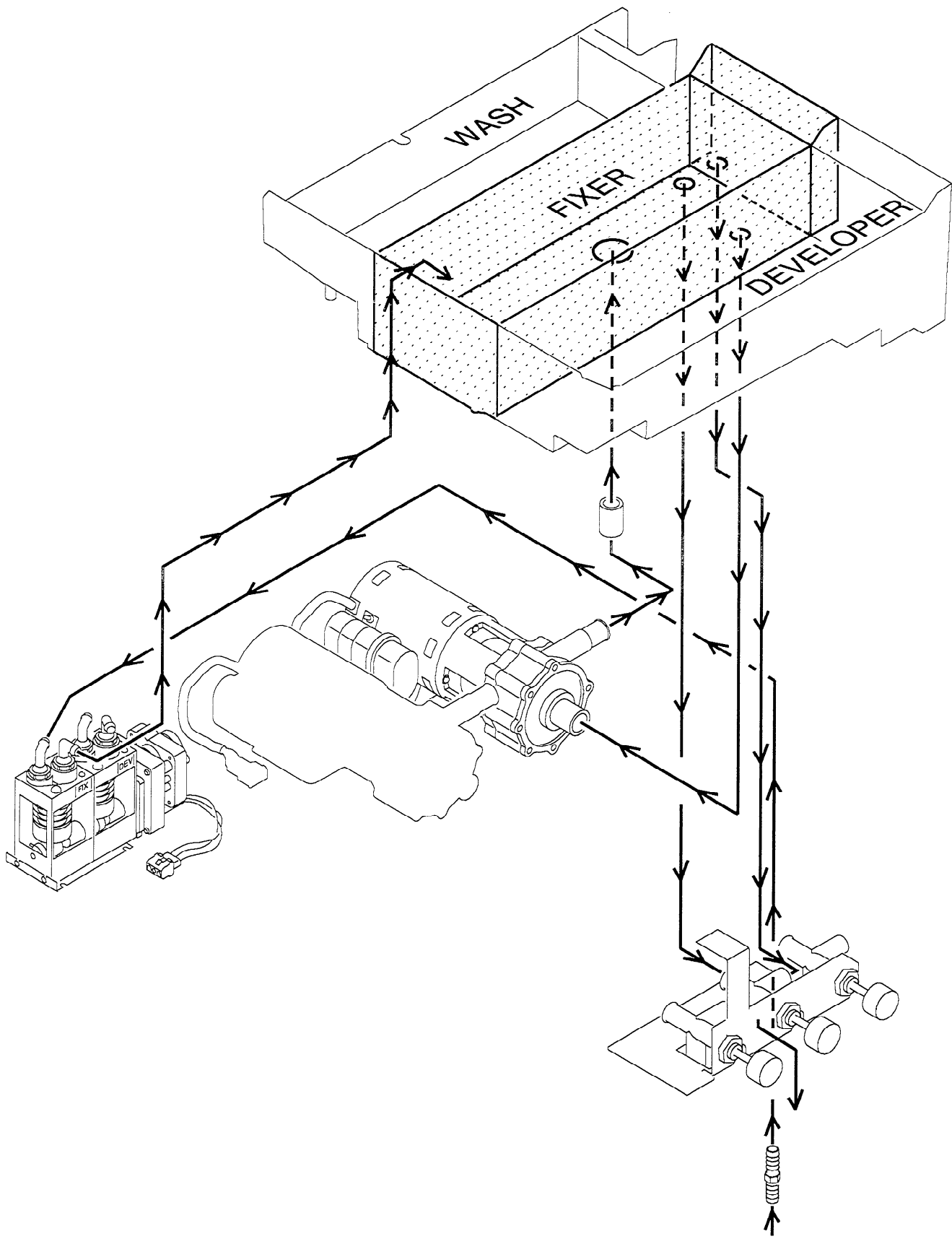
| Description | Page |
|---|------|
| Plumbing Diagrams | 3 |
| TUBING and HOSE CLAMP Diagrams | 7 |
| Circuit and Wiring Diagrams, M43 PROCESSOR | 9 |
| Circuit and Wiring Diagrams, M43A PROCESSOR | 15 |
| Circuit and Wiring Diagrams, Clinic 1 PROCESSOR | 25 |
| Publication Change Notice Table | 35 |

Plumbing Diagrams



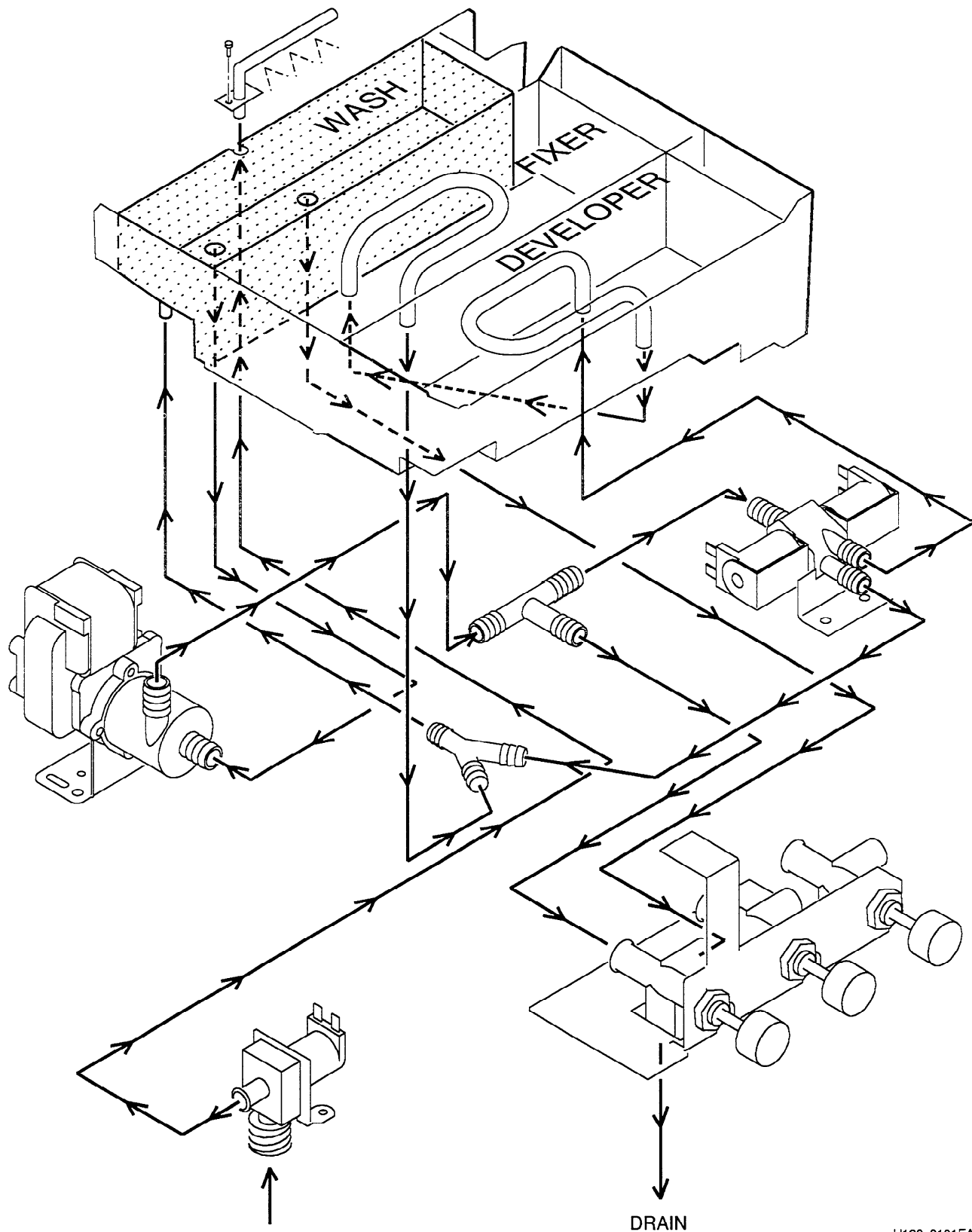
H130_0123EA

Figure 1 Developer Plumbing Diagram



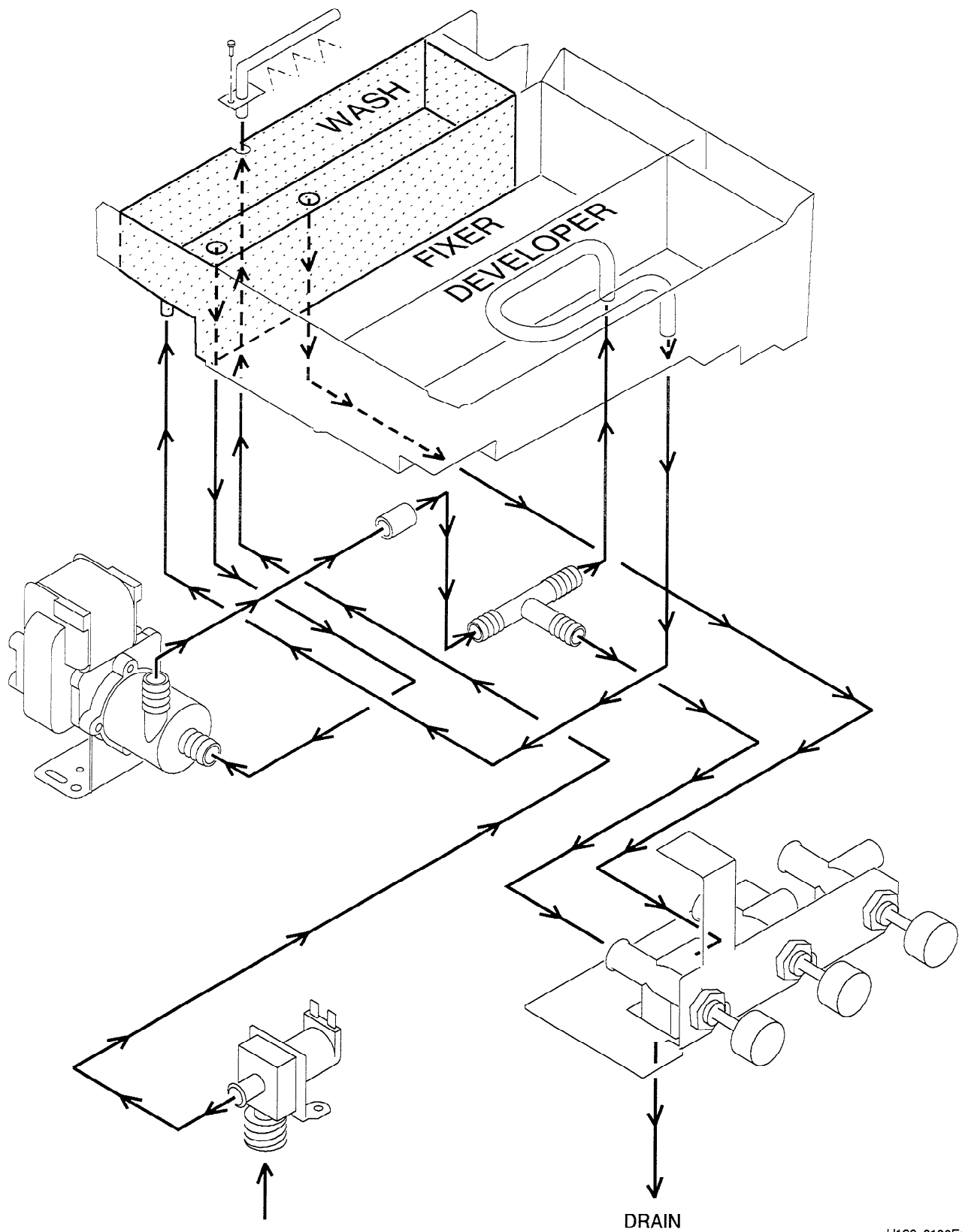
H130_0124EA

Figure 2 Fixer Plumbing Diagram



H130_0121EA

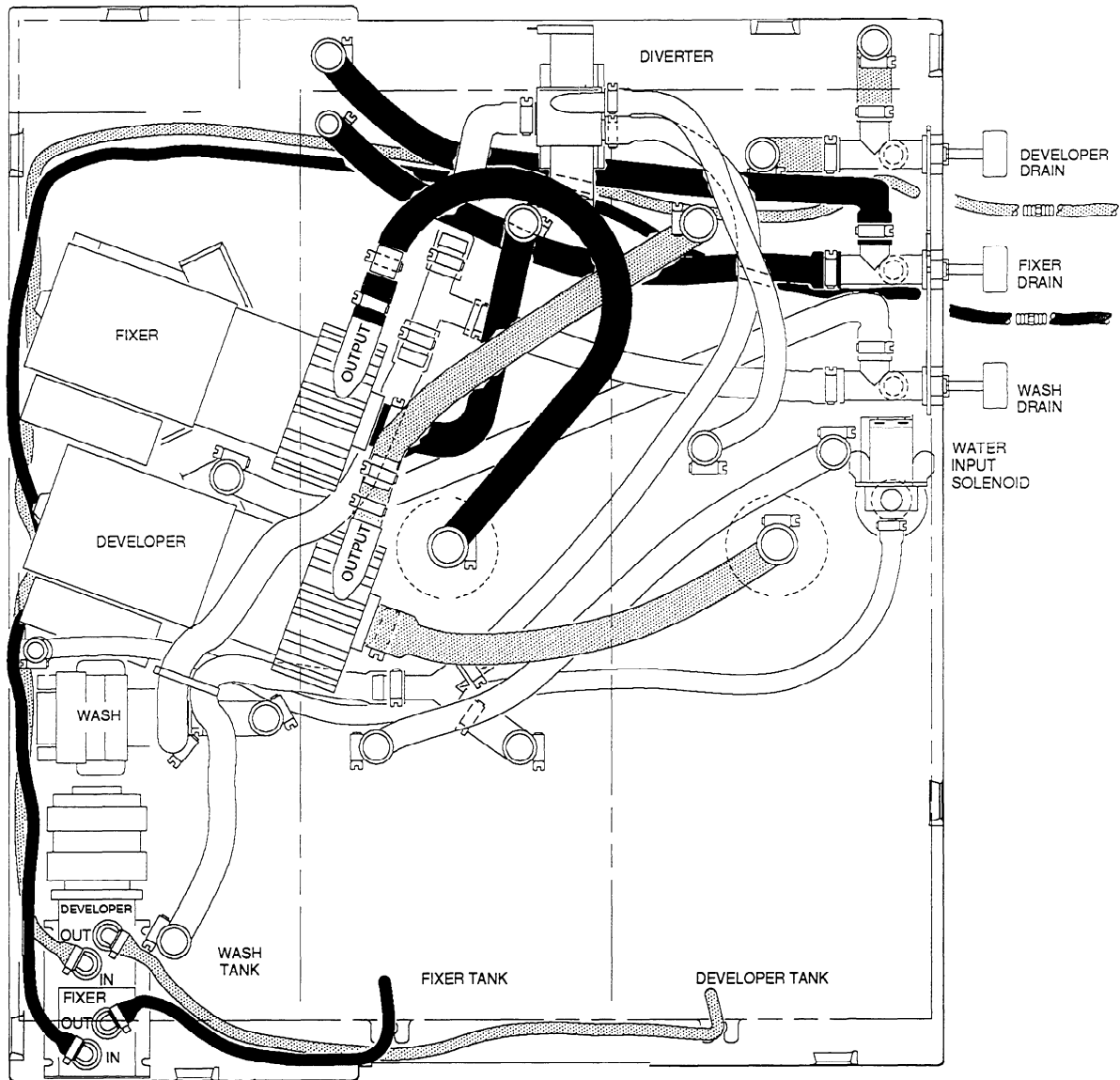
Figure 3 Wash Water Plumbing Diagram, M43 and M43A PROCESSORS



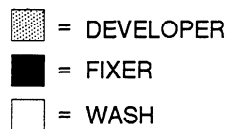
H130_0122EA

Figure 4 Wash Water Plumbing Diagram, Clinic 1 PROCESSOR

TUBING and HOSE CLAMP Diagrams

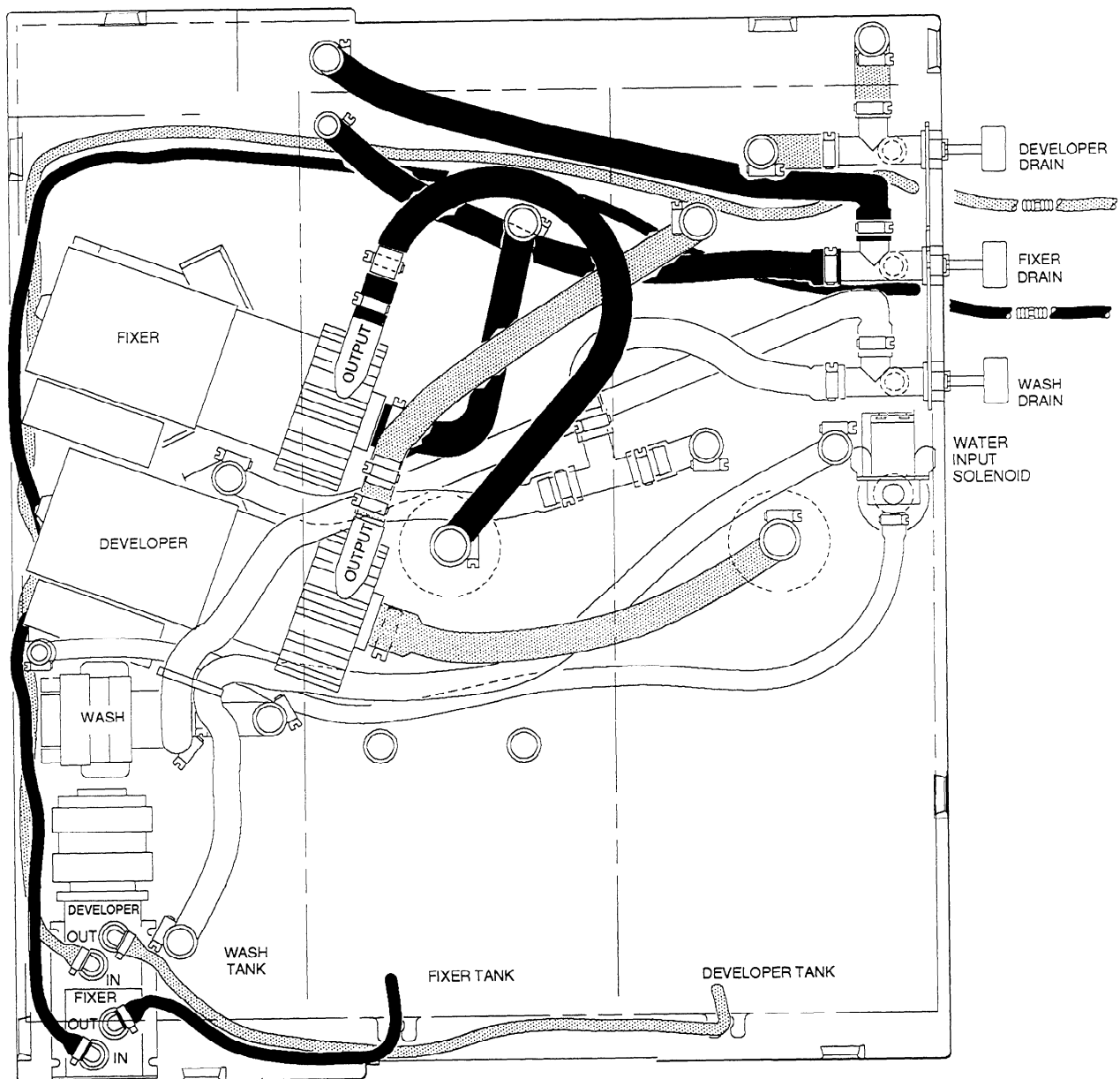


TOP VIEW



H130_0125EA

Figure 5 TUBING and HOSE CLAMP Diagram, M43 and M43A PROCESSORS



TOP VIEW

- = DEVELOPER
- = FIXER
- = WASH

H130_0137EA

Figure 6 TUBING and HOSE CLAMP Diagram, Clinic 1 PROCESSOR

Circuit and Wiring Diagrams, M43 PROCESSOR

List of Figures

| Description | Page |
|--|------|
| AC Circuit Diagram, M43 PROCESSOR, 230 Volts | 10 |
| DC Circuit Diagram, M43 PROCESSOR, Sheet 1 of 2 | 11 |
| DC Circuit Diagram, M43 PROCESSOR, Sheet 2 of 2 | 12 |
| Wiring Diagram, M43 PROCESSOR, 230 Volts, Sheet 1 of 2 | 13 |
| Wiring Diagram, M43 PROCESSOR, 230 Volts, Sheet 2 of 2 | 14 |

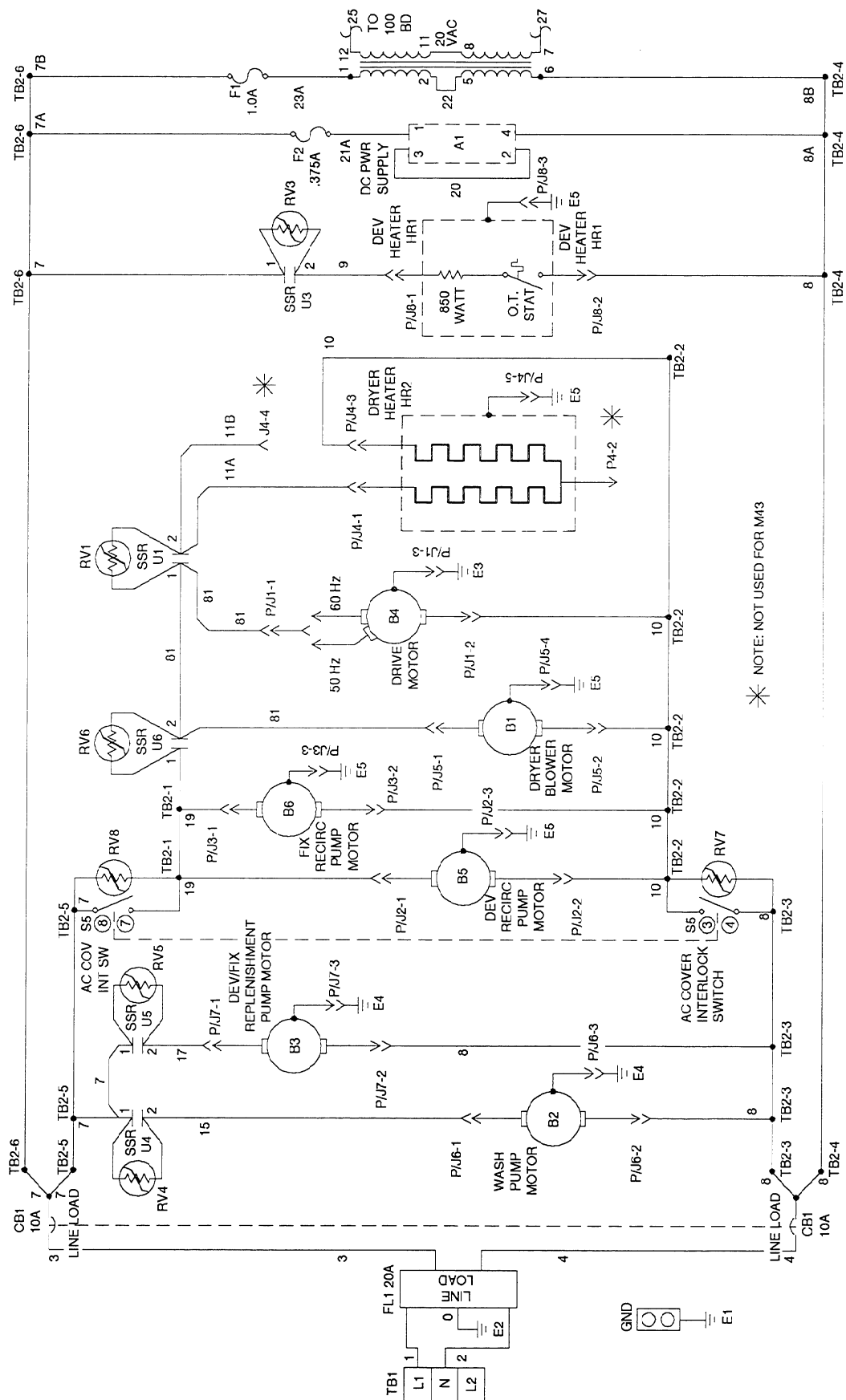
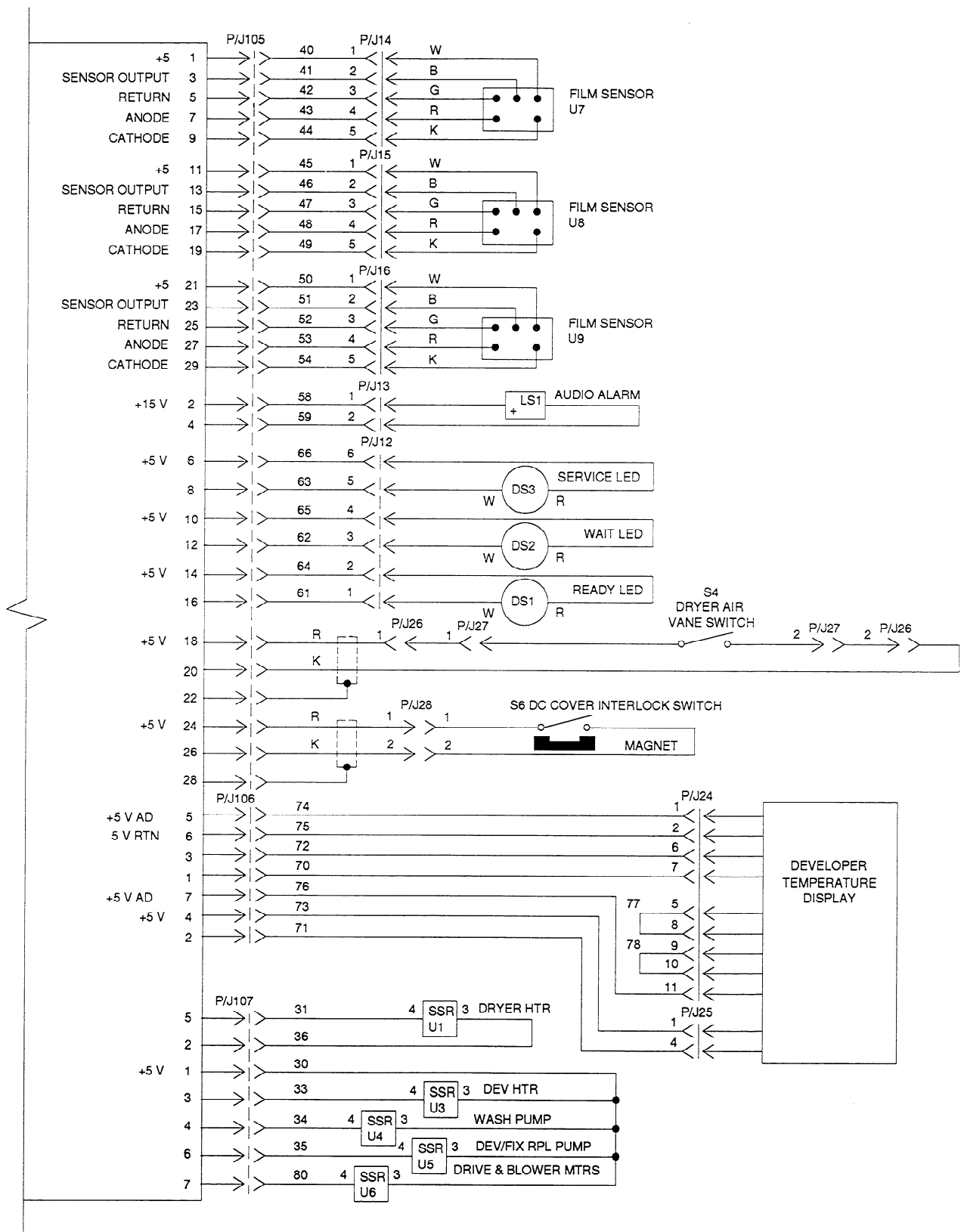


Figure 7 AC Circuit Diagram, M43 PROCESSOR, 230 Volts

H130_0023EC_

963909



1C7445
SHEET 2 of 2

H130_0025EC_

Figure 9 DC Circuit Diagram, M43 PROCESSOR, Sheet 2 of 2

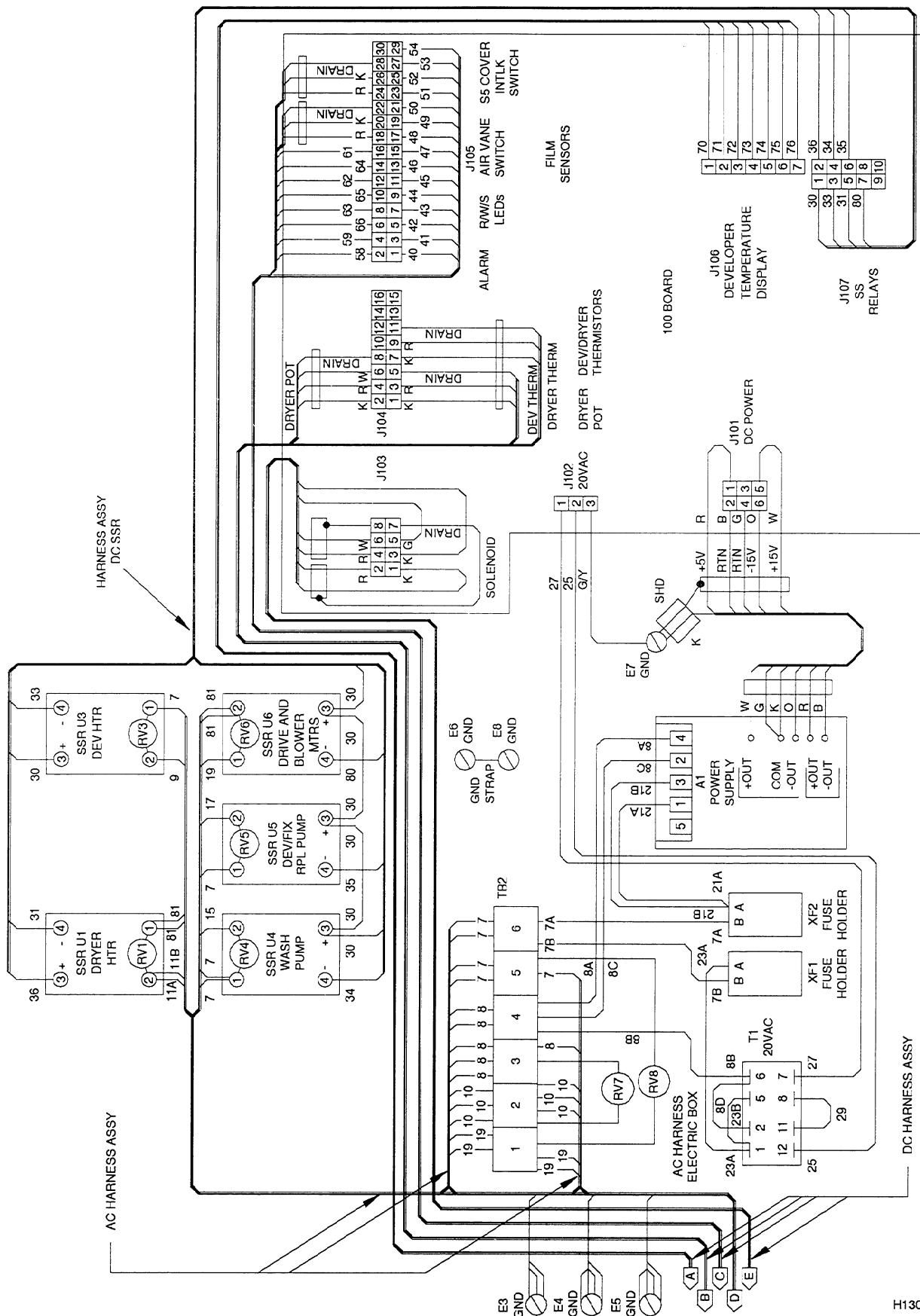


Figure 11 Wiring Diagram, M43 PROCESSOR, 230 Volts, Sheet 2 of 2

H130_0015EC_

918532 SHEET 2 of 2

E12
ESD JACK

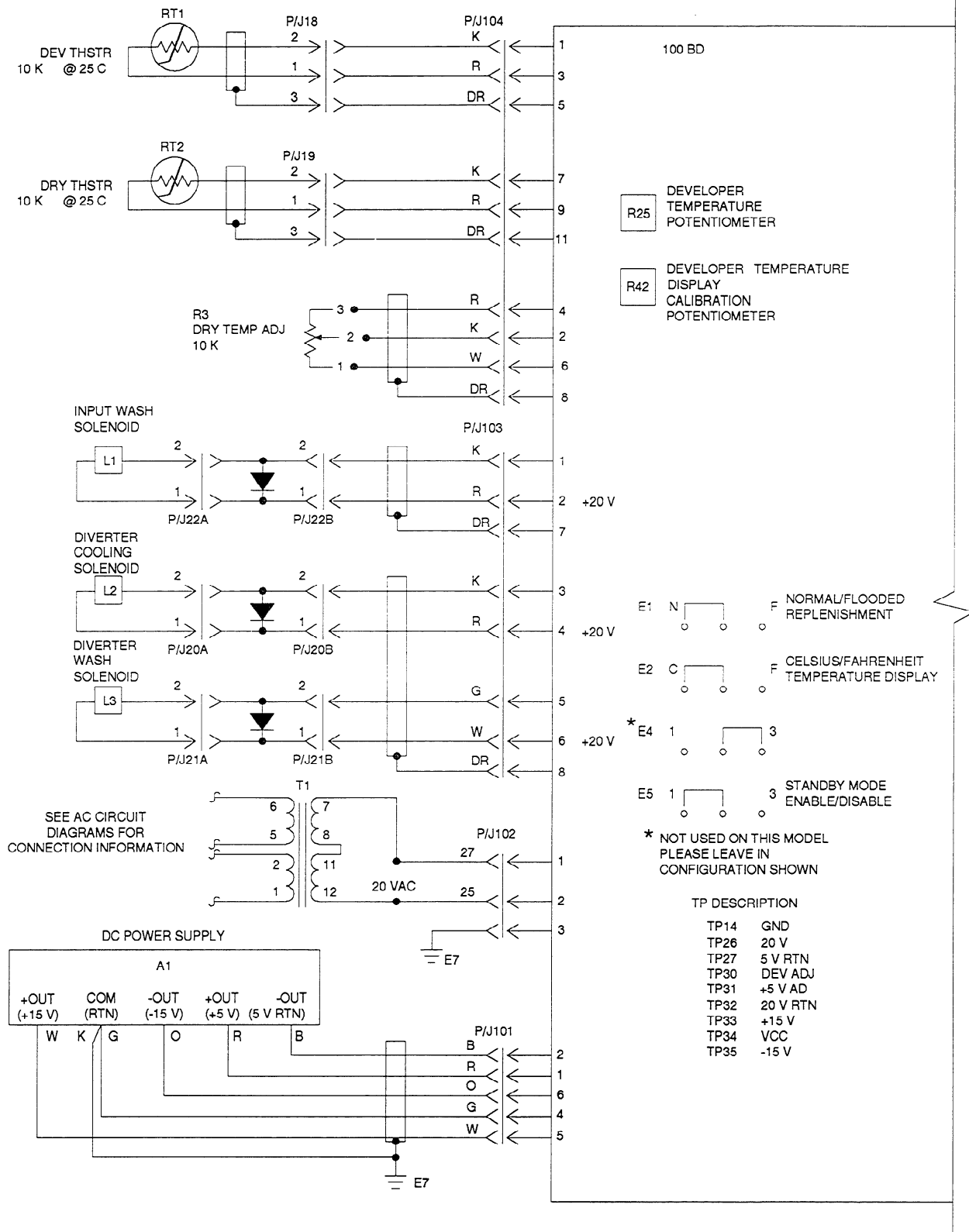
Circuit and Wiring Diagrams, M43A PROCESSOR

List of Figures

| Description | Page |
|---|------|
| AC Circuit Diagram, M43A PROCESSOR, 115 Volts..... | 16 |
| DC Circuit Diagram, M43A PROCESSORS Serial Number 349 and Below, (Without Modification No. 1 Installed) Sheet 1 of 2 | 17 |
| DC Circuit Diagram, M43A PROCESSORS Serial Number 349 and Below, (Without Modification No. 1 Installed) Sheet 2 of 2 | 18 |
| DC Circuit Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, Sheet 1 of 2..... | 19 |
| DC Circuit Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, Sheet 2 of 2..... | 20 |
| Wiring Diagram, M43A PROCESSORS Serial Number 349 and Below, (Without Modification No. 1 Installed) 115 Volts, Sheet 1 of 2..... | 21 |
| Wiring Diagram, M43A PROCESSORS Serial Number 349 and Below, (Without Modification No. 1 Installed) 115 Volts, Sheet 2 of 2..... | 22 |
| Wiring Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 1 of 2 | 23 |
| Wiring Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 2 of 2 | 24 |



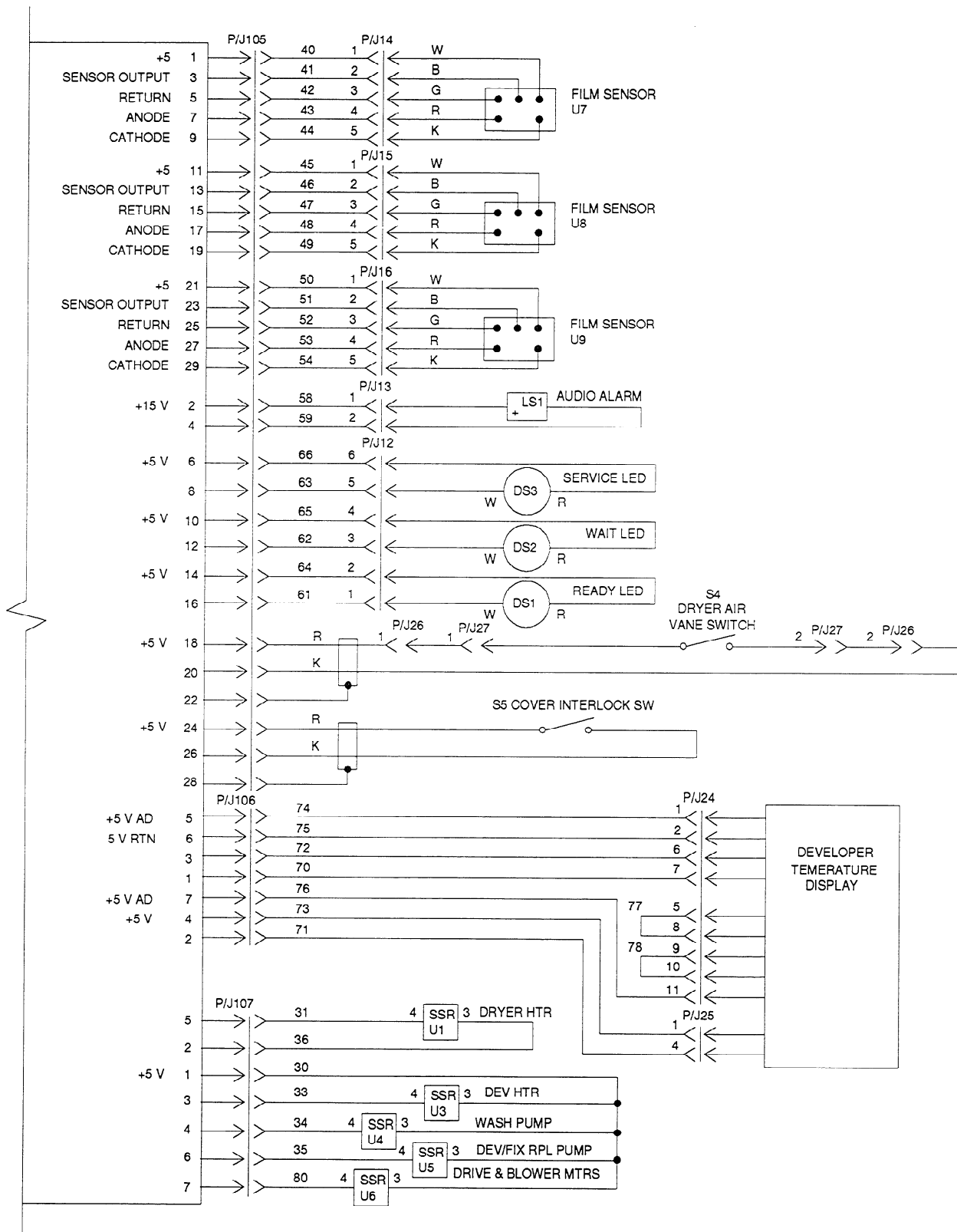
H130_0006EC_



918535
SHEET 1 of 2

H130_0008EC_

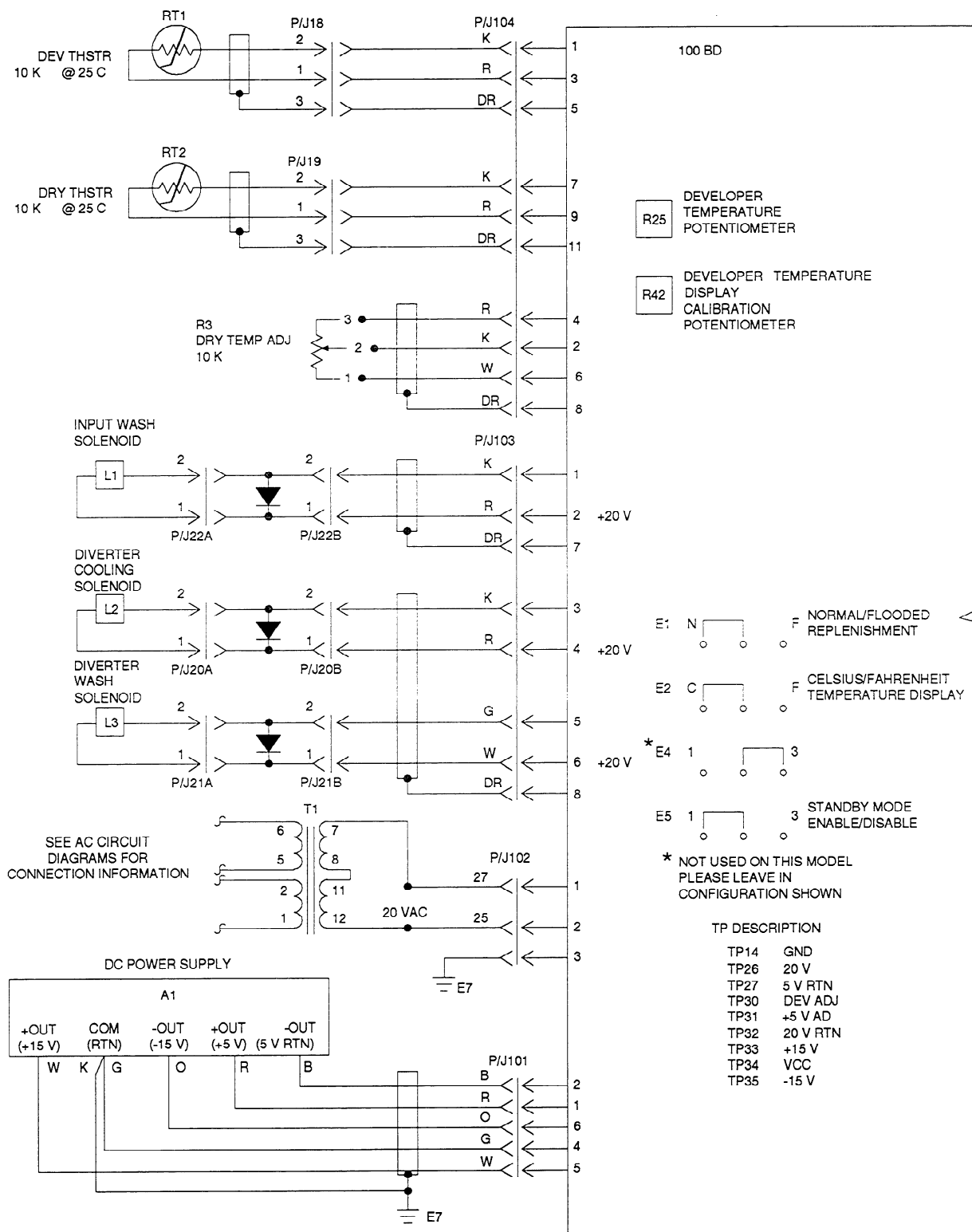
Figure 13 DC Circuit Diagram, M43A PROCESSORS Serial Number 349 and Below,
(Without Modification No. 1 Installed) Sheet 1 of 2



918535
SHEET 2 of 2

H130_0009EC_

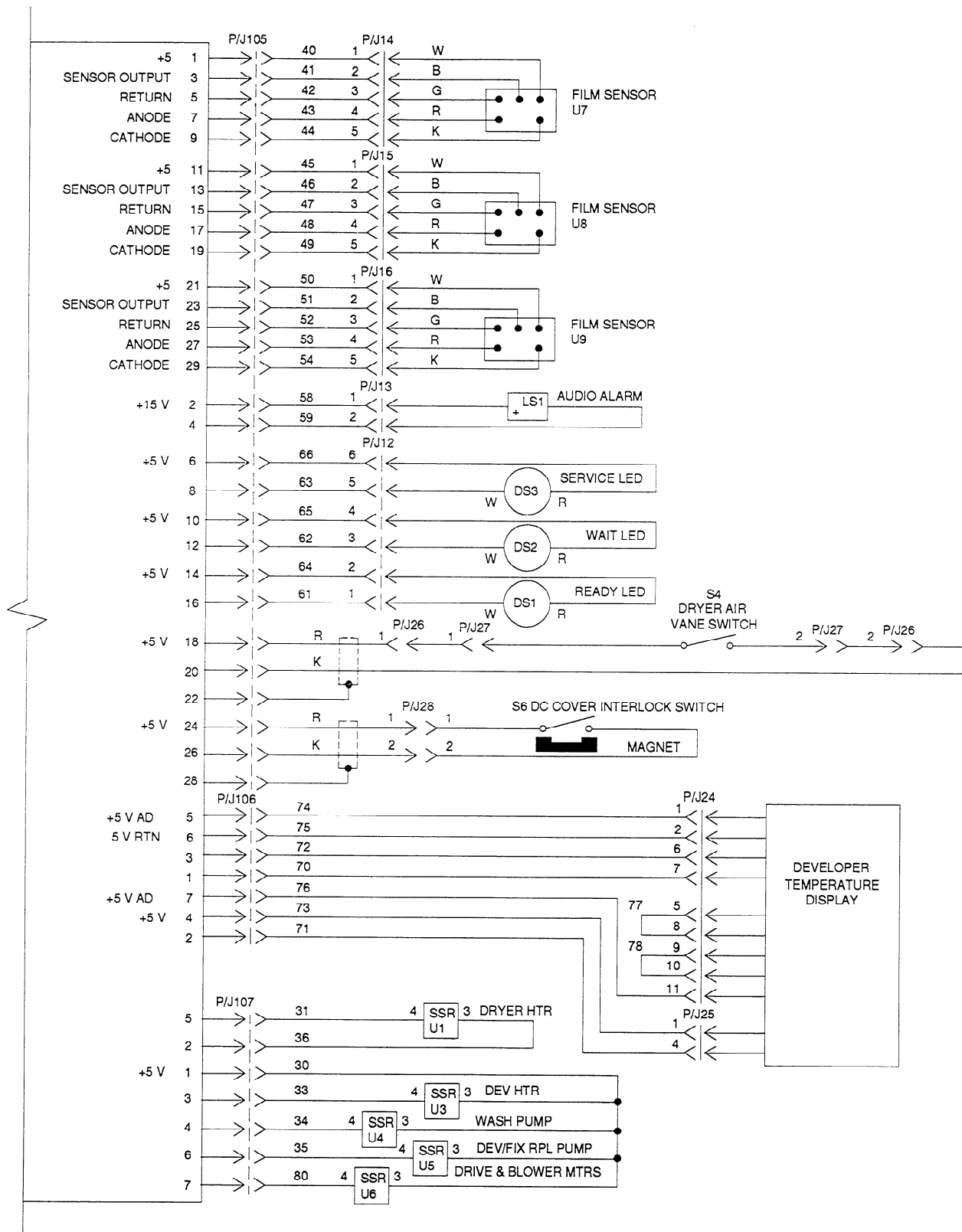
**Figure 14 DC Circuit Diagram, M43A PROCESSORS Serial Number 349 and Below,
(Without Modification No. 1 Installed) Sheet 2 of 2**



918535
SHEET 1 of 2

H130_0008EC_

Figure 15 DC Circuit Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, Sheet 1 of 2



1C7445
SHEET 2 of 2

H130_0025EC_

Figure 16 DC Circuit Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, Sheet 2 of 2

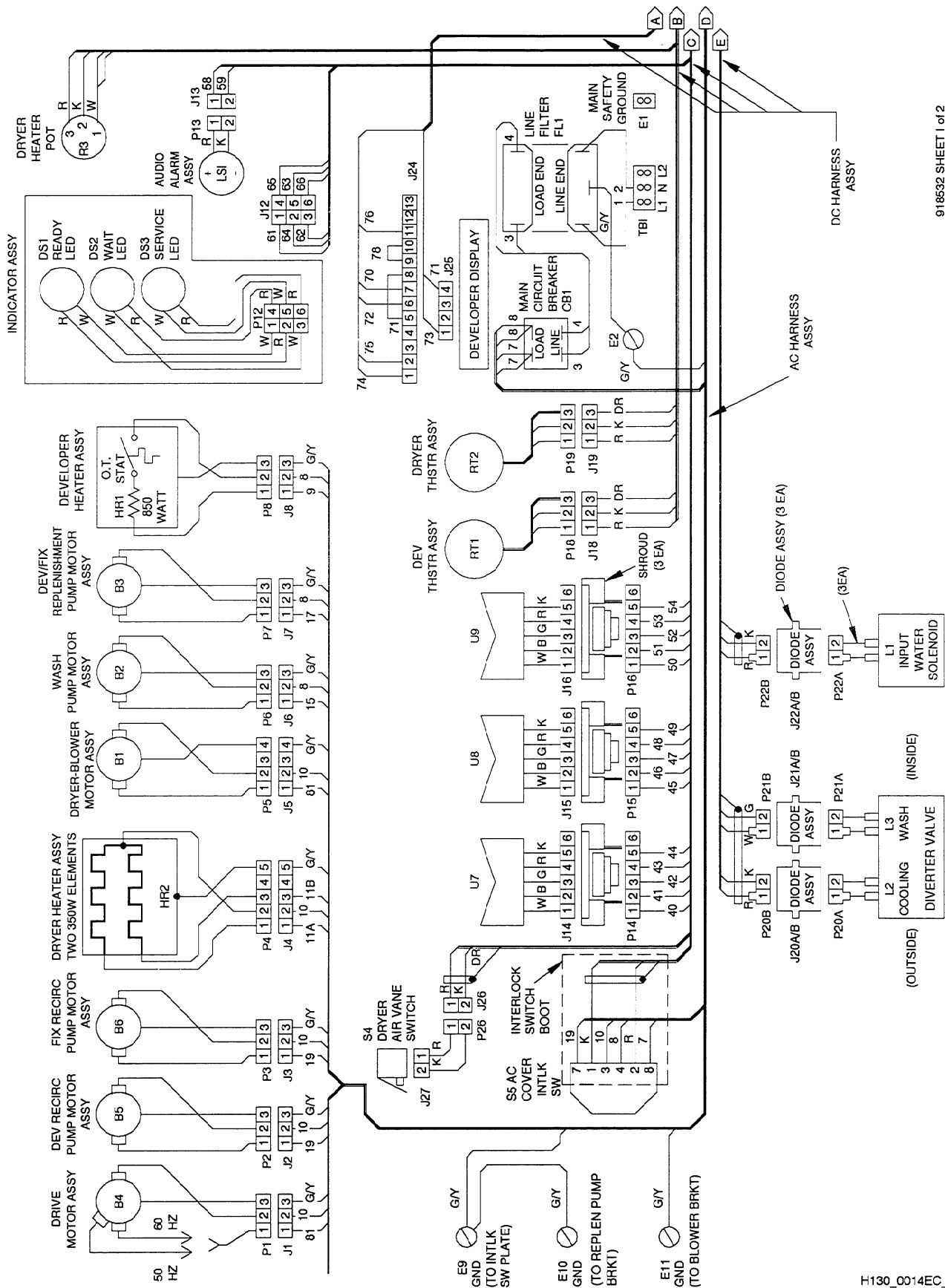
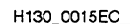


Figure 17 Wiring Diagram, M43A PROCESSORS Serial Number 349 and Below,
(Without Modification No. 1 Installed) 115 Volts, Sheet 1 of 2



918532 SHEET 2 of 2

E12
ESD JACK

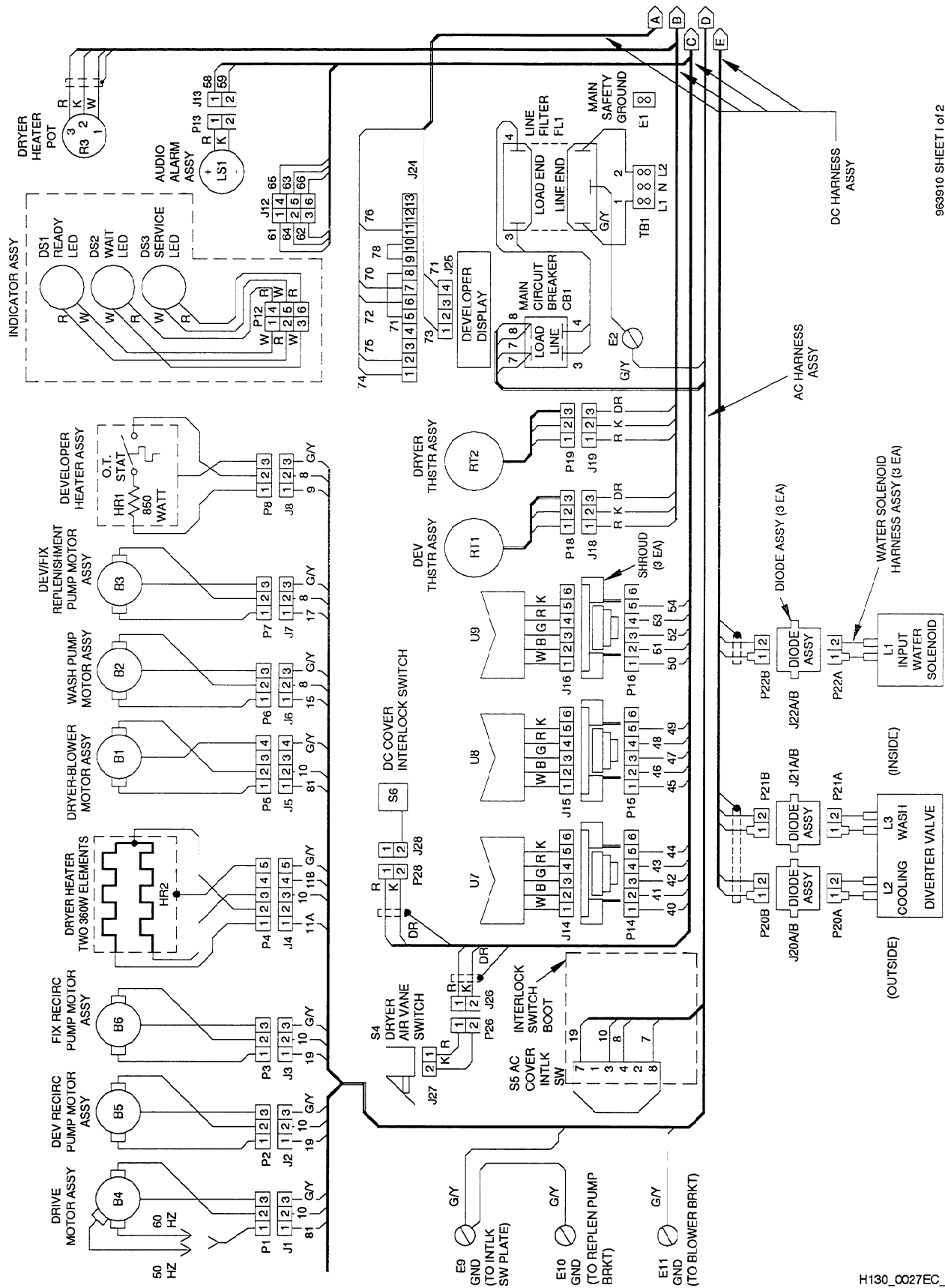
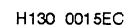


Figure 19 Wiring Diagram, M43A PROCESSORS Serial Number 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 1 of 2

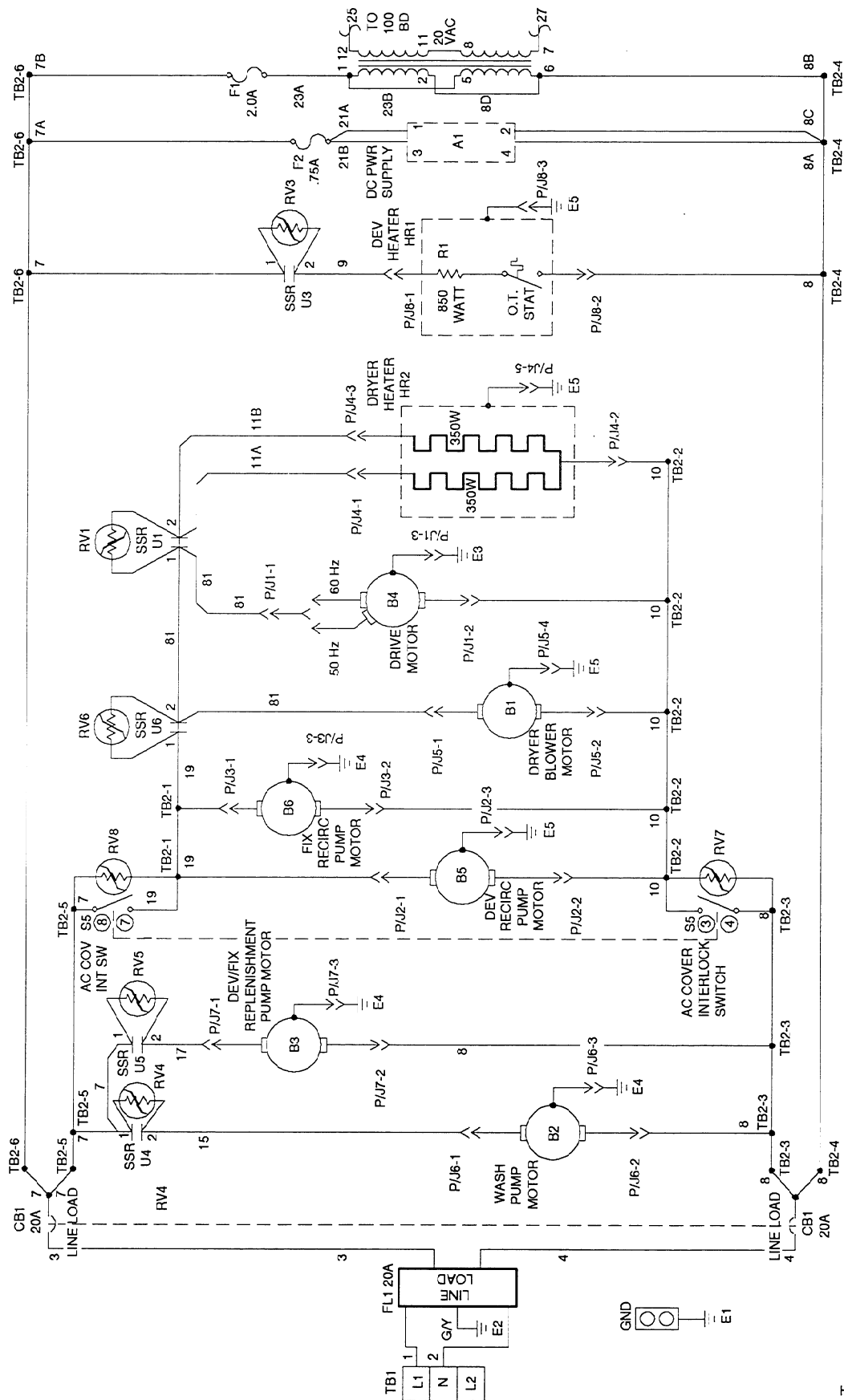


E12
ESD JACK

Circuit and Wiring Diagrams, Clinic 1 PROCESSOR

List of Figures

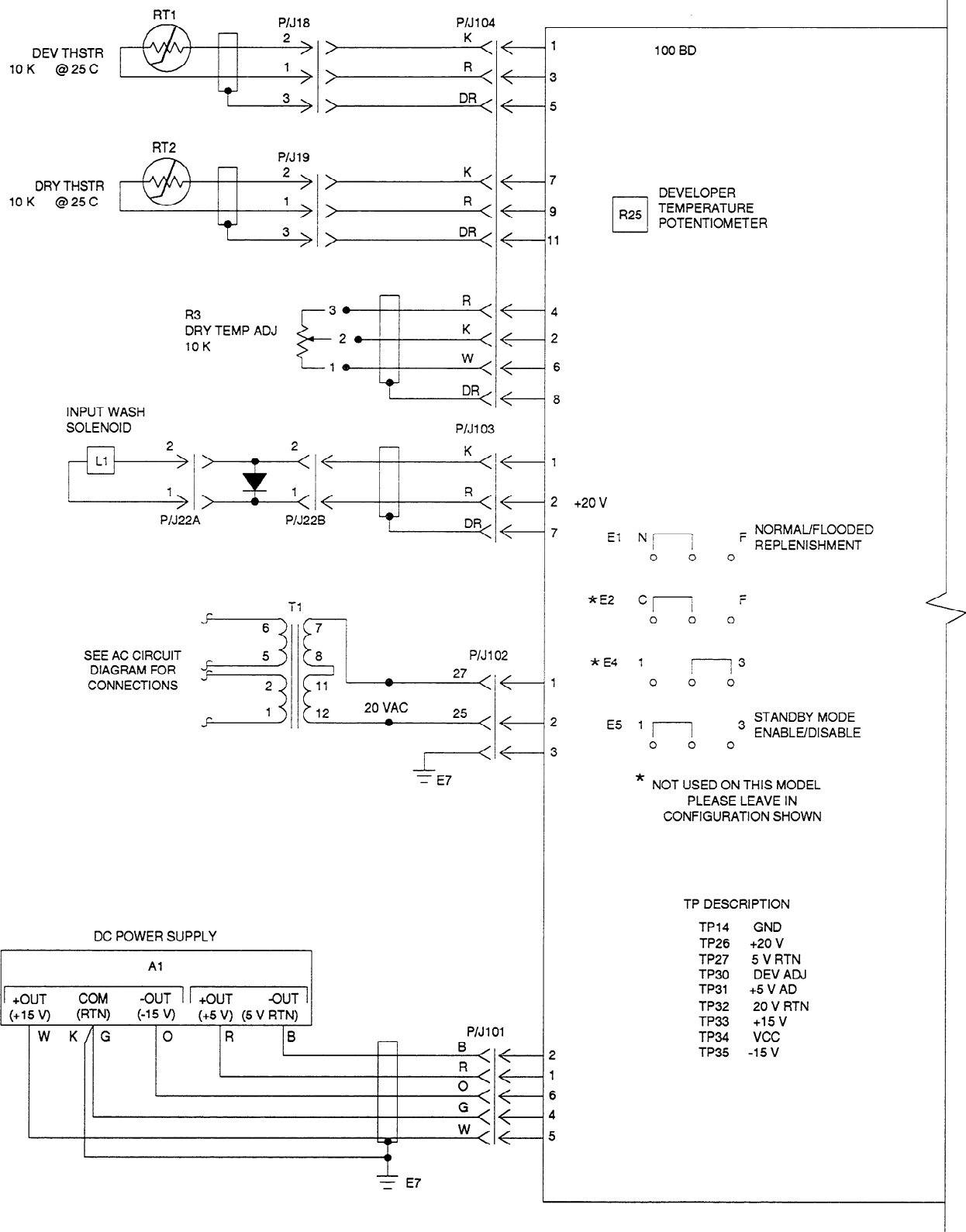
| Description | Page |
|---|------|
| AC Circuit Diagram, Clinic 1 PROCESSOR, 115 Volts | 26 |
| DC Circuit Diagram, Clinic 1 PROCESSORS S/N 349 and Below, (Without Modification No. 1 Installed) 115 Volts, Sheet 1 of 2..... | 27 |
| DC Circuit Diagram, Clinic 1 PROCESSORS S/N 349 and Below, (Without Modification No. 1 Installed) 115 Volts, Sheet 2 of 2..... | 28 |
| DC Circuit Diagram, Clinic 1 PROCESSORS S/N 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 1 of 2..... | 29 |
| DC Circuit Diagram, Clinic 1 PROCESSORS S/N 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 2 of 2..... | 30 |
| Wiring Diagram, Clinic 1 PROCESSORS S/N 349 and Below, (Without Modification No. 1 Installed) 115 Volts, Sheet 1 of 2..... | 31 |
| Wiring Diagram, Clinic 1 PROCESSORS S/N 349 and Below, (Without Modification No. 1 Installed) 115 Volts, Sheet 2 of 2..... | 32 |
| Wiring Diagram, Clinic 1 PROCESSORS S/N 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 1 of 2..... | 33 |
| Wiring Diagram, Clinic 1 PROCESSORS S/N 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 2 of 2..... | 34 |



1C0531

H130_0007EC_

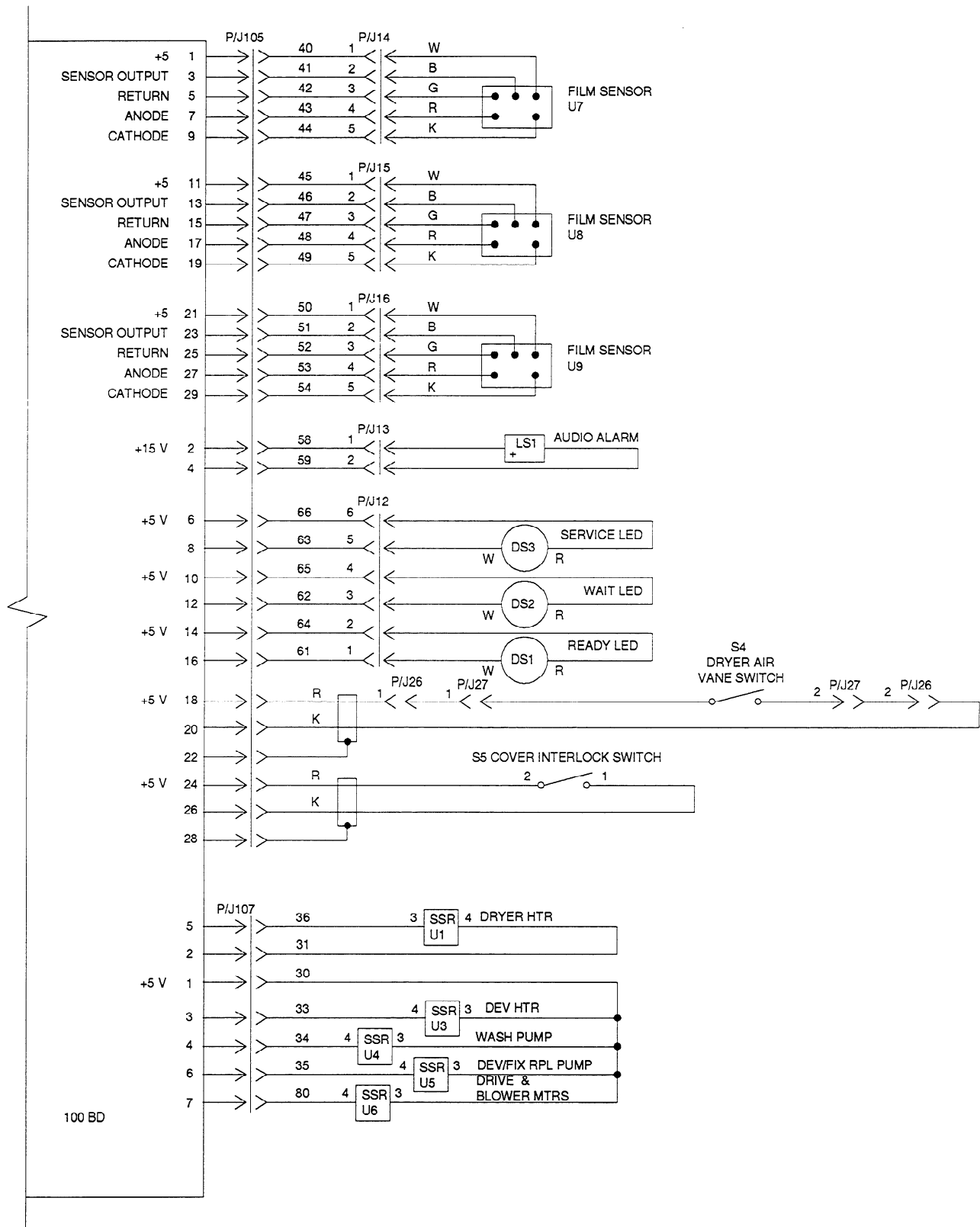
Figure 21 AC Circuit Diagram, Clinic 1 PROCESSOR, 115 Volts



1C0533
SHEET 1 of 2

H130_0010EC_

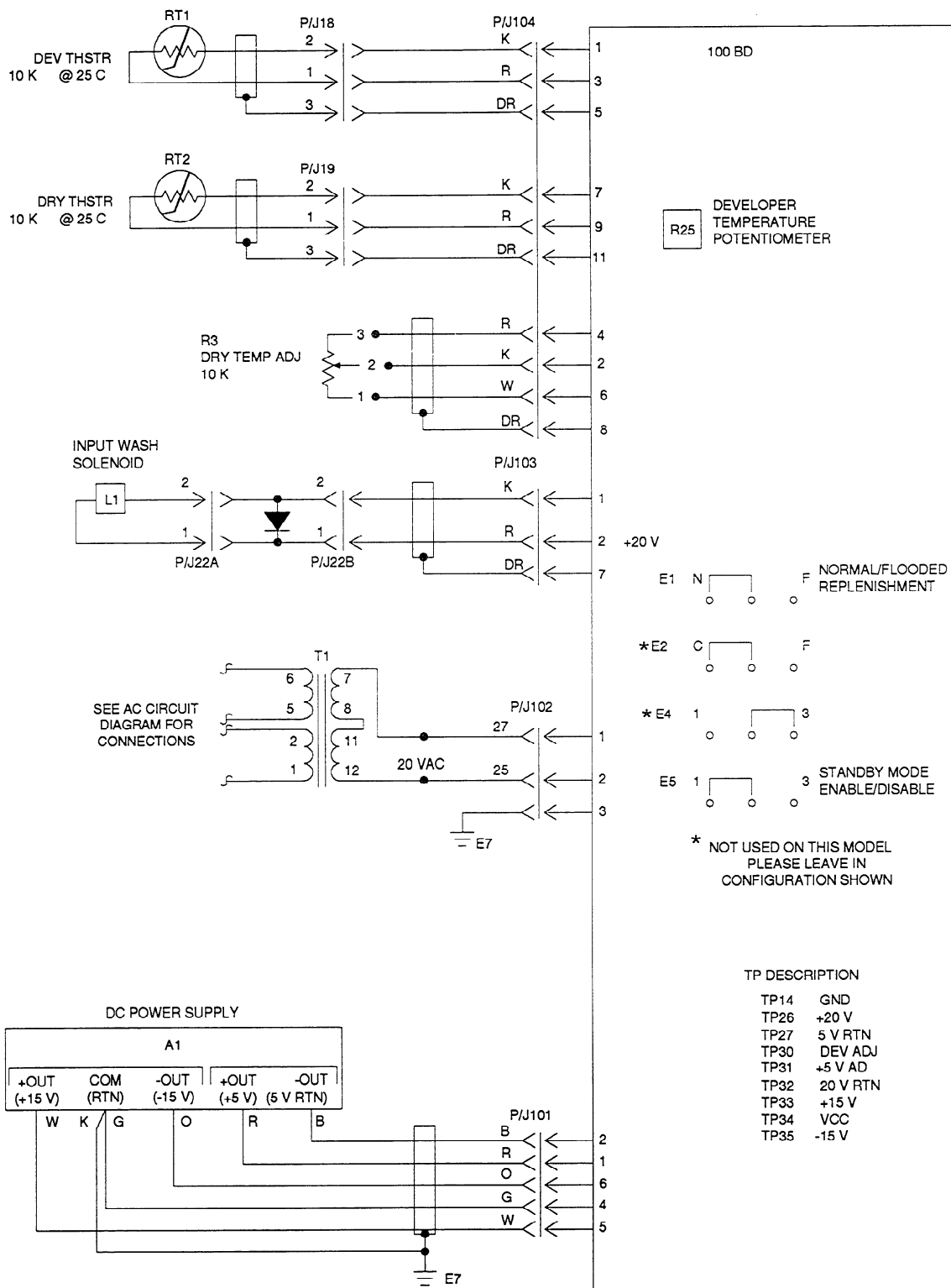
**Figure 22 DC Circuit Diagram, Clinic 1 PROCESSORS S/N 349 and Below,
(Without Modification No. 1 Installed) 115 Volts, Sheet 1 of 2**



1C0533
SHEET 2 of 2

H130_0011EC_

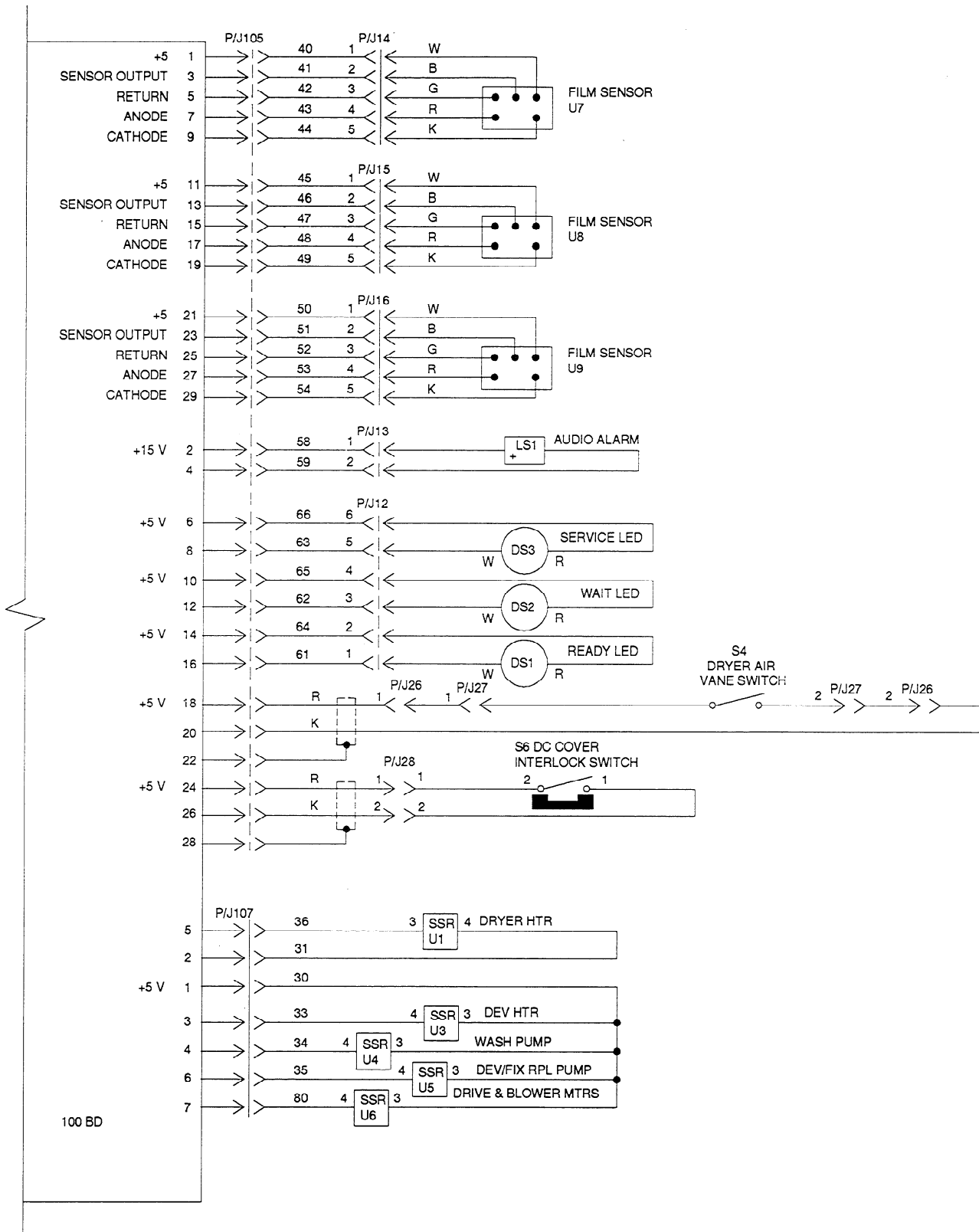
Figure 23 DC Circuit Diagram, Clinic 1 PROCESSORS S/N 349 and Below,
(Without Modification No. 1 Installed) 115 Volts, Sheet 2 of 2



1C0533
SHEET 1 of 2

H130_0010EC_

**Figure 24 DC Circuit Diagram, Clinic 1 PROCESSORS S/N 350 and Above,
or with Modification No. 1 Installed, 115 Volts, Sheet 1 of 2**



1C0533
SHEET 2 of 2

H130_0028EC_

**Figure 25 DC Circuit Diagram, Clinic 1 PROCESSORS S/N 350 and Above,
or with Modification No. 1 Installed, 115 Volts, Sheet 2 of 2**

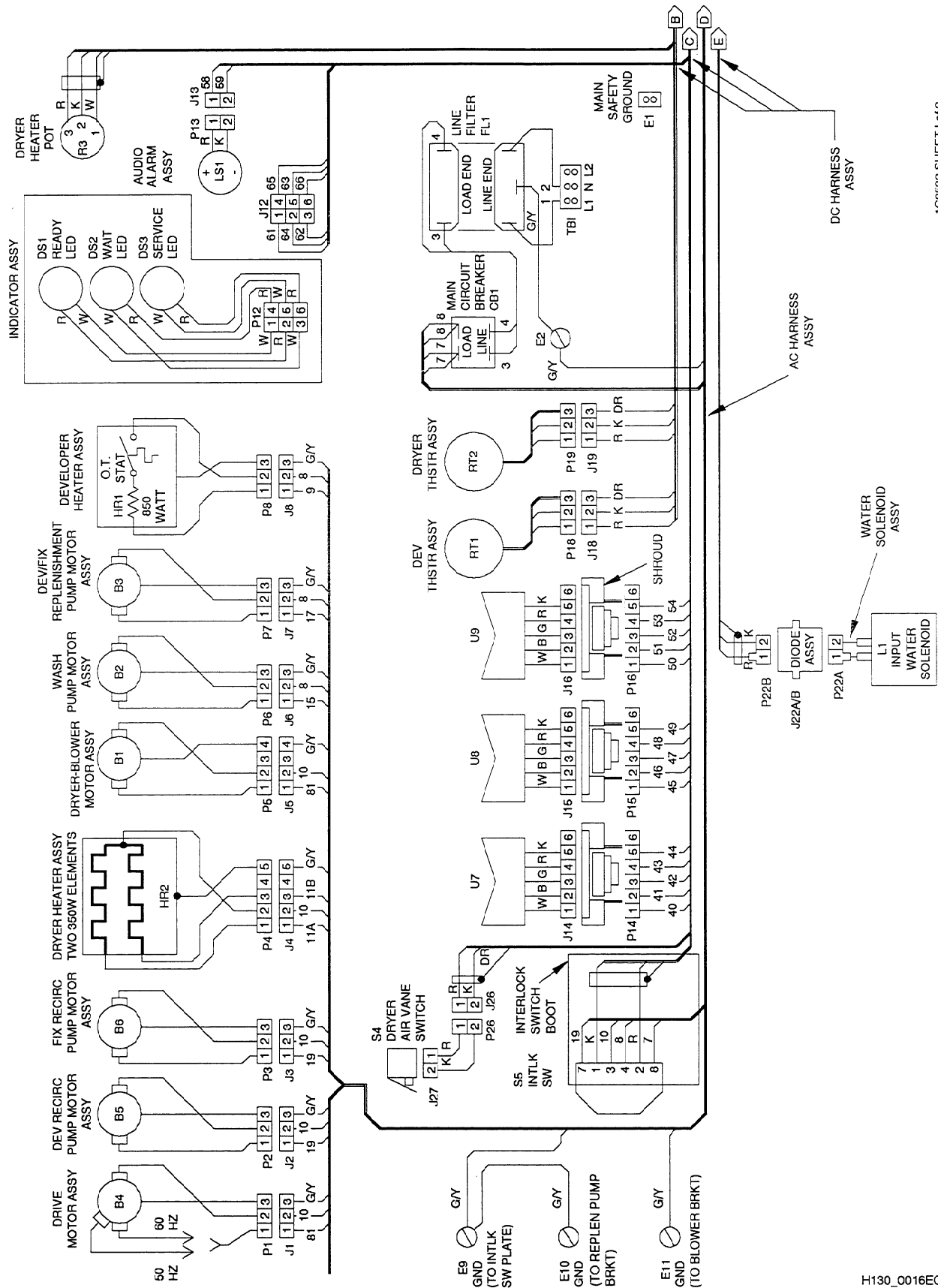
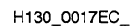


Figure 26 Wiring Diagram, Clinic 1 PROCESSORS S/N 349 and Below,
(Without Modification No. 1 Installed) 115 Volts, Sheet 1 of 2



981092

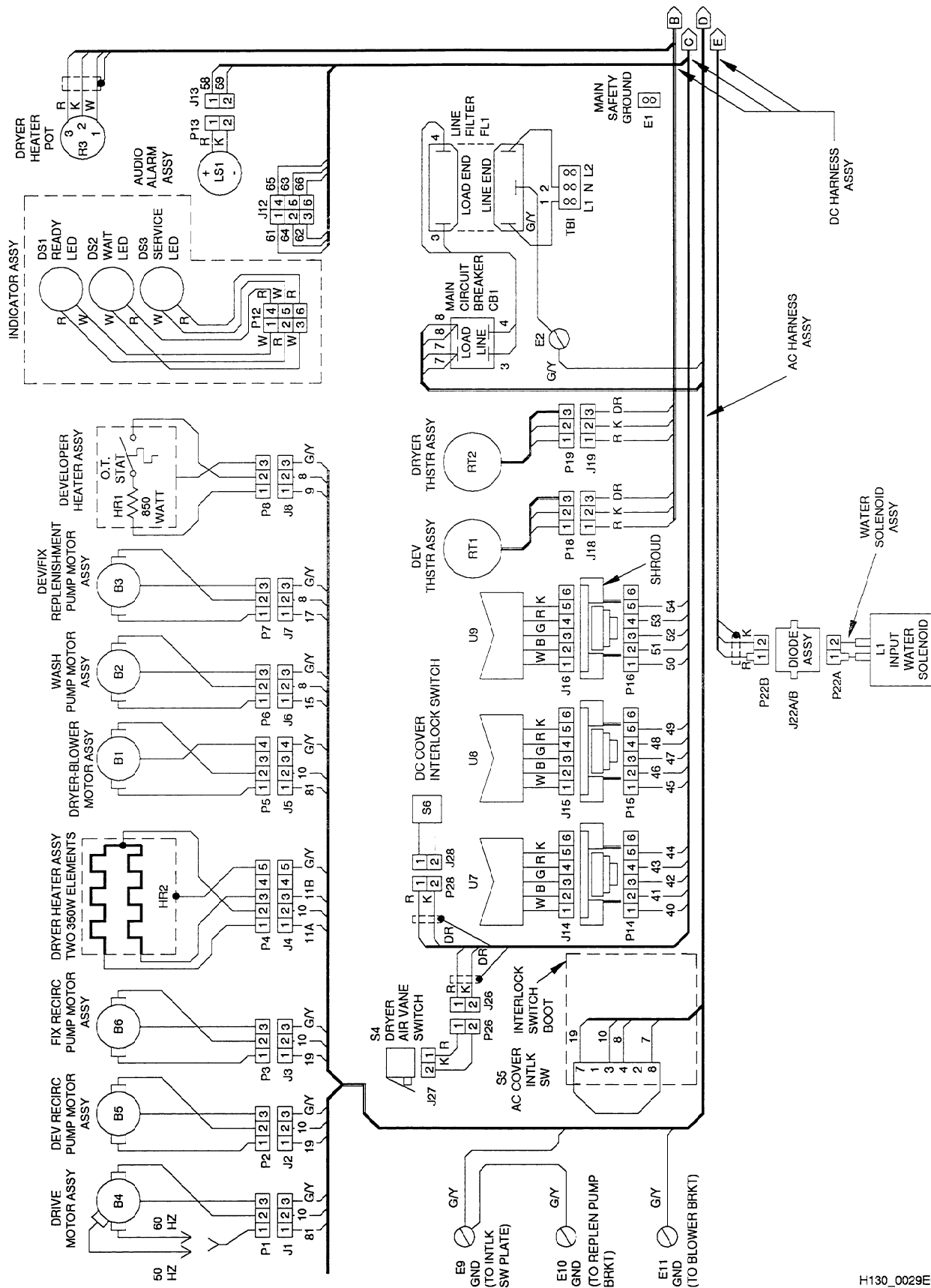


Figure 28 Wiring Diagram, Clinic 1 PROCESSORS S/N 350 and Above, or with Modification No. 1 Installed, 115 Volts, Sheet 1 of 2

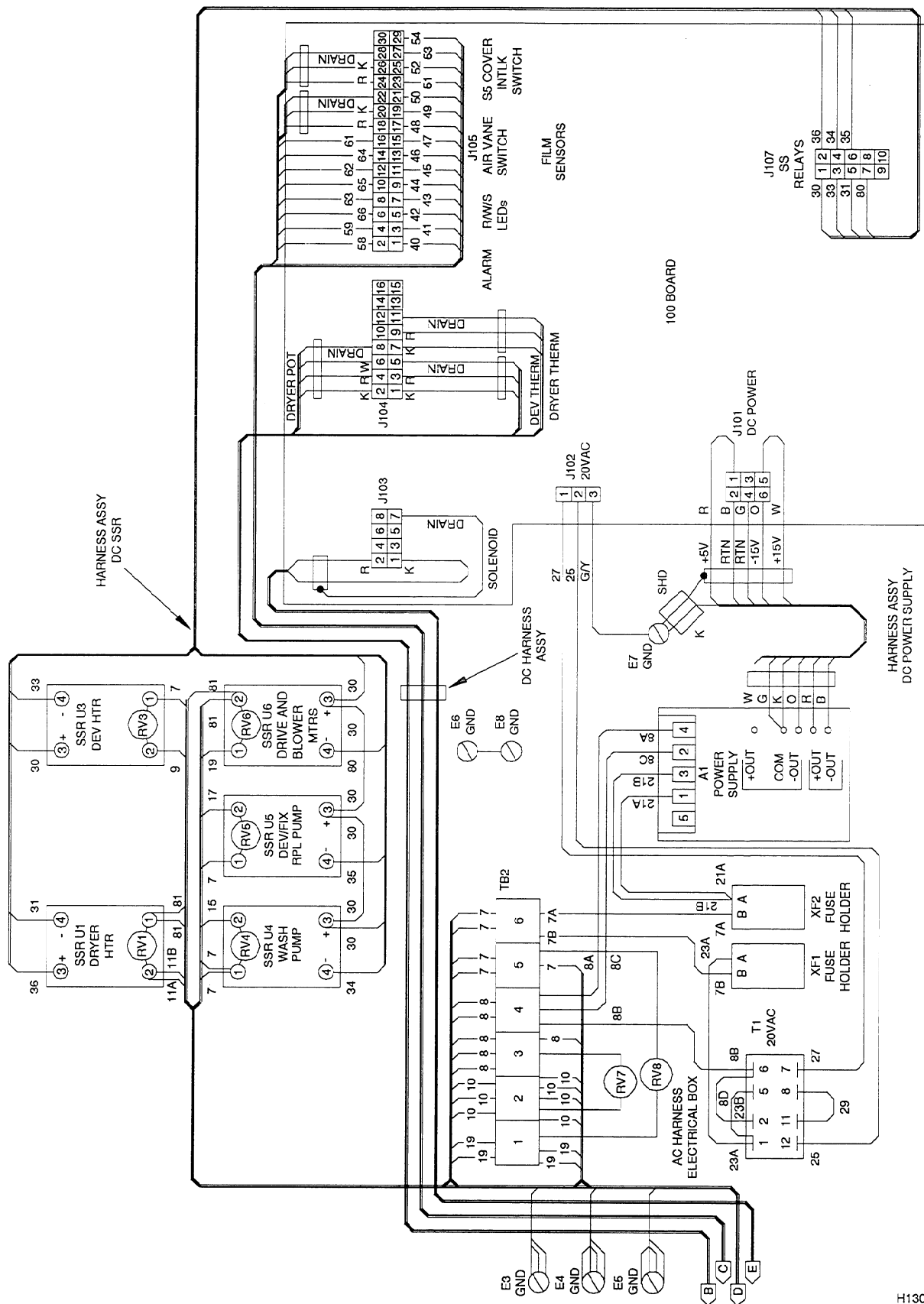


Figure 29 Wiring Diagram, Clinic 1 PROCESSORS S/N 350 and Above,
or with Modification No. 1 Installed, 115 Volts, Sheet 2 of 2

H130_0017EC_

1C0532 SHEET 2 of 2

E12
ESD JACK

Publication Change Notice Table

| Print Date | Pub. No. | ECO No. | Affected Pages | File Name | Notes |
|------------|----------|----------|-----------------------------------|------------------|---|
| Jan. 1994 | 981092 | 2622-064 | All Pages | 3229dm_b.txt | 1st Printing |
| March 1994 | 981092 | 2622-082 | Entire Manual Renumbered | 3229dm_b_082.txt | |
| April 1994 | 981092 | 2622-085 | Front Cover, 2, 9 - Back Cover | 3229dm_b_085.txt | Added DC Interlock Switch S6 |
| May 1994 | 981092 | 2622-098 | Front Cover, 35, Back Cover | 3229dm_b_098.txt | Update the Print Date |
| Oct. 1994 | 981092 | 2622-117 | All Pages | 3229dm_b_117.txt | Major Revision and Update to Bring Manual to Final Release Status |

Health Sciences
EASTMAN KODAK COMPANY
Rochester, New York 14650

Kodak and X-Omat are trademarks.

The new vision of Kodak

